

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-8. (cancelled)

9. (currently amended) A sensor comprising:

a substrate;

an electrode formed on the substrate; and

a coating covering the electrode, ~~wherein~~ the coating including comprises

a permeation limiting layer which contains a fluorine,
and

an adhesive material which contains a compound
containing a heterocycle having nitrogen and sulfur heteroatoms
adhering to a surface of the permeation limiting layer.

10. (original) The sensor as claimed in claim 9,
wherein the coating has a multilayer structure
comprising one or more organic layers.

11. (original) The sensor as claimed in claim 9,
wherein the coating comprises an enzyme.

12. (cancelled)

13. (original) The sensor as claimed in claim 9,
wherein the compound comprises oxo directly bound to
the heterocycle.

14. (original) The sensor as claimed in claim 9,
wherein the compound comprises halogen directly bound
to the heterocycle.

15. (new) The sensor as claimed in claim 9, further
comprising:

an enzyme layer in which an enzyme is immobilized, the
permeation limiting layer being formed on the enzyme layer.